RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/590,789 _____

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RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,789   TIME: 10:19:24

Input Set : A:\42267.txt
Output Set: N:\CRF4\09062006\J590789.raw

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   3 <110> APPLICANT: Melton et al.
   5 <120> TITLE OF INVENTION: Use of Carboxypeptidase G for
   6       Combating Antifolate Toxicity
   8 <130> FILE REFERENCE: 28646/42267
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/590,789
C--> 11 <141> CURRENT FILING DATE: 2006-08-25
  13 <150> PRIOR APPLICATION NUMBER: GB 0404487.1
  14 <151> PRIOR FILING DATE: 2004-02-28
  16 <160> NUMBER OF SEQ ID NOS: 1
  18 <170> SOFTWARE: PatentIn version 3.1
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 415
  22 <212> TYPE: PRT
  23 <213> ORGANISM: Variovorax paradoxus
  25 <400> SEQUENCE: 1
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  32                 20                  25                  30
  35 Phe Gln Ala Ala Thr Asp Glu Gln Pro Ala Val Ile Lys Thr Leu Glu
  36             35                  40                  45
  39 Lys Leu Val Asn Ile Glu Thr Gly Thr Gly Asp Ala Glu Gly Ile Ala
  40      50                  55                  60
  43 Ala Ala Gly Asn Phe Leu Glu Ala Glu Leu Lys Asn Leu Gly Phe Thr
  44 65                  70                  75                  80
  47 Val Thr Arg Ser Lys Ser Ala Gly Leu Val Val Gly Asp Asn Ile Val
  48              85                  90                  95
  51 Gly Lys Ile Lys Gly Arg Gly Gly Lys Asn Leu Leu Leu Met Ser His
  52              100                 105                 110
  55 Met Asp Thr Val Tyr Leu Lys Gly Ile Leu Ala Lys Ala Pro Phe Arg
  56          115                 120                 125
  60 Val Glu Gly Asp Lys Ala Tyr Gly Pro Gly Ile Ala Asp Asp Lys Gly
  61      130                 135                 140
  64 Gly Asn Ala Val Ile Leu His Thr Leu Lys Leu Leu Lys Glu Tyr Gly
  65 145                 150                 155                 160
  68 Val Arg Asp Tyr Gly Thr Ile Thr Val Leu Phe Asn Thr Asp Glu Glu
  69              165                 170                 175
  72 Lys Gly Ser Phe Gly Ser Arg Asp Leu Ile Gln Glu Glu Ala Lys Leu
  73              180                 185                 190
  76 Ala Asp Tyr Val Leu Ser Phe Glu Pro Thr Ser Ala Gly Asp Glu Lys
  77          195                 200                 205
  80 Leu Ser Leu Gly Thr Ser Gly Ile Ala Tyr Val Gln Val Asn Ile Thr
  81      210                 215                 220
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 85 225             230             235             240
 88 Leu Val Glu Ala Ser Asp Leu Val Leu Arg Thr Met Asn Ile Asp Asp
 89             245             250             255
 92 Lys Ala Lys Asn Leu Arg Phe Asn Trp Thr Ile Ala Lys Ala Gly Asn
 93             260             265             270
 96 Val Ser Asn Ile Ile Pro Ala Ser Ala Thr Leu Asn Ala Asp Val Arg
 97         275             280             285
100 Tyr Ala Arg Asn Glu Asp Phe Asp Ala Ala Met Lys Thr Leu Glu Glu
101     290             295             300
104 Arg Ala Gln Gln Lys Lys Leu Pro Glu Ala Asp Val Lys Val Ile Val
105 305             310             315             320
108 Thr Arg Gly Arg Pro Ala Phe Asn Ala Gly Glu Gly Gly Lys Lys Leu
109             325             330             335
112 Val Asp Lys Ala Val Ala Tyr Tyr Lys Glu Ala Gly Gly Thr Leu Gly
113             340             345             350
116 Val Glu Glu Arg Thr Gly Gly Gly Thr Asp Ala Ala Tyr Ala Ala Leu
117     355             360             365
120 Ser Gly Lys Pro Val Ile Glu Ser Leu Gly Leu Pro Gly Phe Gly Tyr
121     370             375             380
124 His Ser Asp Lys Ala Glu Tyr Val Asp Ile Ser Ala Ile Pro Arg Arg
125 385             390             395             400
128 Leu Tyr Met Ala Ala Arg Leu Ile Met Asp Leu Gly Ala Gly Lys
129             405             410             415
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VERIFICATION SUMMARY   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,789   TIME: 10:19:25

Input Set : **A:\42267.txt**
Output Set: **N:\CRF4\09062006\J590789.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date